

Result No.	Query			ID	Description
	Score	Match	Length		
1	1642	100.0	305	US-09-946-374-273	Sequence 273, App
2	1642	100.0	305	US-10-206-915-324	Sequence 324, App
3	1642	100.0	305	US-10-199-670-324	Sequence 324, App
4	1642	100.0	305	US-10-201-958-324	Sequence 324, App
5	1642	100.0	305	US-10-205-990-324	Sequence 324, App
6	1642	100.0	305	US-10-208-024-324	Sequence 324, App
7	1642	100.0	305	US-10-201-853-324	Sequence 324, App
8	1642	100.0	305	US-10-063-745-108	Sequence 108, App
9	1642	100.0	305	US-10-063-912-108	Sequence 108, App
10	1642	100.0	305	US-10-063-913-108	Sequence 108, App
11	1642	100.0	305	US-10-063-915-108	Sequence 108, App
12	1642	100.0	305	US-10-063-949-108	Sequence 108, App
13	1642	100.0	305	US-10-063-969-108	Sequence 108, App
14	1642	100.0	305	US-10-063-951-108	Sequence 108, App
15	1642	100.0	305	US-10-174-581-324	Sequence 324, App

235	1642	100.0	305	14	US-10-184-656-324	Sequence 324, App	308	1642	100.0	305	14	US-10-201-529-324	Sequence 324, App
236	1642	100.0	305	14	US-10-192-010-324	Sequence 324, App	309	1642	100.0	305	14	US-10-201-530-324	Sequence 324, App
237	1642	100.0	305	14	US-10-205-908-324	Sequence 324, App	310	1642	100.0	305	14	US-10-202-408-324	Sequence 324, App
238	1642	100.0	305	14	US-10-063-518-108	Sequence 108, App	311	1642	100.0	305	14	US-10-202-409-324	Sequence 324, App
239	1642	100.0	305	14	US-10-184-619-324	Sequence 324, App	312	1642	100.0	305	14	US-10-202-411-324	Sequence 324, App
240	1642	100.0	305	14	US-10-187-598-324	Sequence 324, App	313	1642	100.0	305	14	US-10-202-472-324	Sequence 324, App
241	1642	100.0	305	14	US-10-187-780-324	Sequence 324, App	314	1642	100.0	305	14	US-10-205-502-324	Sequence 324, App
242	1642	100.0	305	14	US-10-188-780-324	Sequence 324, App	315	1642	100.0	305	14	US-10-205-507-324	Sequence 324, App
243	1642	100.0	305	14	US-10-192-015-324	Sequence 324, App	316	1642	100.0	305	14	US-10-205-511-324	Sequence 324, App
244	1642	100.0	305	14	US-10-194-394-324	Sequence 324, App	317	1642	100.0	305	14	US-10-205-902-324	Sequence 324, App
245	1642	100.0	305	14	US-10-194-425-324	Sequence 324, App	318	1642	100.0	305	14	US-10-205-907-324	Sequence 324, App
246	1642	100.0	305	14	US-10-194-485-324	Sequence 324, App	319	1642	100.0	305	14	US-10-194-456-324	Sequence 324, App
247	1642	100.0	305	14	US-10-195-885-324	Sequence 324, App	320	1642	100.0	305	14	US-10-196-758-324	Sequence 324, App
248	1642	100.0	305	14	US-10-195-898-324	Sequence 324, App	321	1642	100.0	305	14	US-10-198-770-324	Sequence 324, App
249	1642	100.0	305	14	US-10-196-748-324	Sequence 324, App	322	1642	100.0	305	14	US-10-199-308-324	Sequence 324, App
250	1642	100.0	305	14	US-10-196-750-324	Sequence 324, App	323	1642	100.0	305	14	US-10-200-617-324	Sequence 324, App
251	1642	100.0	305	14	US-10-197-699-324	Sequence 324, App	324	1642	100.0	305	14	US-10-205-893-324	Sequence 324, App
252	1642	100.0	305	14	US-10-197-700-324	Sequence 324, App	325	1642	100.0	305	14	US-10-205-897-324	Sequence 324, App
253	1642	100.0	305	14	US-10-197-705-324	Sequence 324, App	326	1642	100.0	305	14	US-10-196-754-324	Sequence 324, App
254	1642	100.0	305	14	US-10-197-708-324	Sequence 324, App	327	1642	100.0	305	14	US-10-174-571-324	Sequence 324, App
255	1642	100.0	305	14	US-10-198-764-324	Sequence 324, App	328	1642	100.0	305	14	US-10-176-746-324	Sequence 324, App
256	1642	100.0	305	14	US-10-198-765-324	Sequence 324, App	329	1642	100.0	305	14	US-10-176-923-324	Sequence 324, App
257	1642	100.0	305	14	US-10-198-768-324	Sequence 324, App	330	1642	100.0	305	14	US-10-183-011-324	Sequence 324, App
258	1642	100.0	305	14	US-10-198-769-324	Sequence 324, App	331	1642	100.0	305	14	US-10-184-633-324	Sequence 324, App
259	1642	100.0	305	14	US-10-198-769-324	Sequence 324, App	332	1642	100.0	305	14	US-10-184-639-324	Sequence 324, App
260	1642	100.0	305	14	US-10-198-306-324	Sequence 324, App	333	1642	100.0	305	14	US-10-187-742-324	Sequence 324, App
261	1642	100.0	305	14	US-10-198-310-324	Sequence 324, App	334	1642	100.0	305	14	US-10-187-748-324	Sequence 324, App
262	1642	100.0	305	14	US-10-198-311-324	Sequence 324, App	335	1642	100.0	305	14	US-10-188-766-324	Sequence 324, App
263	1642	100.0	305	14	US-10-198-314-324	Sequence 324, App	336	1642	100.0	305	14	US-10-188-771-324	Sequence 324, App
264	1642	100.0	305	14	US-10-199-317-324	Sequence 324, App	337	1642	100.0	305	14	US-10-192-006-324	Sequence 324, App
265	1642	100.0	305	14	US-10-199-665-324	Sequence 324, App	338	1642	100.0	305	14	US-10-192-008-324	Sequence 324, App
266	1642	100.0	305	14	US-10-199-666-324	Sequence 324, App	339	1642	100.0	305	14	US-10-192-009-324	Sequence 324, App
267	1642	100.0	305	14	US-10-199-669-324	Sequence 324, App	340	1642	100.0	305	14	US-10-192-012-324	Sequence 324, App
268	1642	100.0	305	14	US-10-201-570-324	Sequence 324, App	341	1642	100.0	305	14	US-10-192-014-324	Sequence 324, App
269	1642	100.0	305	14	US-10-201-734-324	Sequence 324, App	342	1642	100.0	305	14	US-10-192-016-324	Sequence 324, App
270	1642	100.0	305	14	US-10-201-885-324	Sequence 324, App	343	1642	100.0	305	14	US-10-194-362-324	Sequence 324, App
271	1642	100.0	305	14	US-10-201-856-324	Sequence 324, App	344	1642	100.0	305	14	US-10-194-364-324	Sequence 324, App
272	1642	100.0	305	14	US-10-202-469-324	Sequence 324, App	345	1642	100.0	305	14	US-10-194-395-324	Sequence 324, App
273	1642	100.0	305	14	US-10-203-470-324	Sequence 324, App	346	1642	100.0	305	14	US-10-194-424-324	Sequence 324, App
274	1642	100.0	305	14	US-10-203-476-324	Sequence 324, App	347	1642	100.0	305	14	US-10-194-458-324	Sequence 324, App
275	1642	100.0	305	14	US-10-203-934-324	Sequence 324, App	348	1642	100.0	305	14	US-10-194-459-324	Sequence 324, App
276	1642	100.0	305	14	US-10-203-935-324	Sequence 324, App	349	1642	100.0	305	14	US-10-194-488-324	Sequence 324, App
277	1642	100.0	305	14	US-10-202-936-324	Sequence 324, App	350	1642	100.0	305	14	US-10-195-886-324	Sequence 324, App
278	1642	100.0	305	14	US-10-203-939-324	Sequence 324, App	351	1642	100.0	305	14	US-10-195-891-324	Sequence 324, App
279	1642	100.0	305	14	US-10-205-504-324	Sequence 324, App	352	1642	100.0	305	14	US-10-196-746-324	Sequence 324, App
280	1642	100.0	305	14	US-10-205-509-324	Sequence 324, App	353	1642	100.0	305	14	US-10-196-752-324	Sequence 324, App
281	1642	100.0	305	14	US-10-205-895-324	Sequence 324, App	354	1642	100.0	305	14	US-10-196-753-324	Sequence 324, App
282	1642	100.0	305	14	US-10-205-898-324	Sequence 324, App	355	1642	100.0	305	14	US-10-196-761-324	Sequence 324, App
283	1642	100.0	305	14	US-10-205-900-324	Sequence 324, App	356	1642	100.0	305	14	US-10-197-692-324	Sequence 324, App
284	1642	100.0	305	14	US-10-205-909-324	Sequence 324, App	357	1642	100.0	305	14	US-10-197-693-324	Sequence 324, App
285	1642	100.0	305	14	US-10-195-890-324	Sequence 324, App	358	1642	100.0	305	14	US-10-197-696-324	Sequence 324, App
286	1642	100.0	305	14	US-10-063-598-108	Sequence 108, App	359	1642	100.0	305	14	US-10-197-698-324	Sequence 324, App
287	1642	100.0	305	14	US-10-227-693-108	Sequence 108, App	360	1642	100.0	305	14	US-10-197-703-324	Sequence 324, App
288	1642	100.0	305	14	US-10-006-818A-273	Sequence 273, App	361	1642	100.0	305	14	US-10-197-711-324	Sequence 324, App
289	1642	100.0	305	14	US-10-183-002-324	Sequence 324, App	362	1642	100.0	305	14	US-10-198-757-324	Sequence 324, App
290	1642	100.0	305	14	US-10-184-631-324	Sequence 324, App	363	1642	100.0	305	14	US-10-198-761-324	Sequence 324, App
291	1642	100.0	305	14	US-10-184-638-324	Sequence 324, App	364	1642	100.0	305	14	US-10-198-762-324	Sequence 324, App
292	1642	100.0	305	14	US-10-187-752-324	Sequence 324, App	365	1642	100.0	305	14	US-10-198-763-324	Sequence 324, App
293	1642	100.0	305	14	US-10-187-887-324	Sequence 324, App	366	1642	100.0	305	14	US-10-198-767-324	Sequence 324, App
294	1642	100.0	305	14	US-10-194-461-324	Sequence 324, App	367	1642	100.0	305	14	US-10-199-301-324	Sequence 324, App
295	1642	100.0	305	14	US-10-195-892-324	Sequence 324, App	368	1642	100.0	305	14	US-10-199-307-324	Sequence 324, App
296	1642	100.0	305	14	US-10-195-893-324	Sequence 324, App	369	1642	100.0	305	14	US-10-199-312-324	Sequence 324, App
297	1642	100.0	305	14	US-10-196-751-324	Sequence 324, App	370	1642	100.0	305	14	US-10-199-315-324	Sequence 324, App
298	1642	100.0	305	14	US-10-197-684-324	Sequence 324, App	371	1642	100.0	305	14	US-10-199-316-324	Sequence 324, App
299	1642	100.0	305	14	US-10-197-697-324	Sequence 324, App	372	1642	100.0	305	14	US-10-199-317-324	Sequence 324, App
300	1642	100.0	305	14	US-10-197-703-324	Sequence 324, App	373	1642	100.0	305	14	US-10-199-459-324	Sequence 324, App
301	1642	100.0	305	14	US-10-199-303-324	Sequence 324, App	374	1642	100.0	305	14	US-10-199-460-324	Sequence 324, App
302	1642	100.0	305	14	US-10-199-318-324	Sequence 324, App	375	1642	100.0	305	14	US-10-199-461-324	Sequence 324, App
303	1642	100.0	305	14	US-10-199-458-324	Sequence 324, App	376	1642	100.0	305	14	US-10-199-467-324	Sequence 324, App
304	1642	100.0	305	14	US-10-199-462-324	Sequence 324, App	377	1642	100.0	305	14	US-10-199-667-324	Sequence 324, App
305	1642	100.0	305	14	US-10-201-324-324	Sequence 324, App	378	1642	100.0	305	14	US-10-199-673-324	Sequence 324, App
306	1642	100.0	305	14	US-10-201-328-324	Sequence 324, App	379	1642	100.0	305	14	US-10-201-321-324	Sequence 324, App
307	1642	100.0	305	14	US-10-201-527-324	Sequence 324, App	380	1642	100.0	305	14	US-10-201-322-324	Sequence 324, App
308	1642	100.0	305	14	US-10-201-538-324	Sequence 324, App	381	1642	100.0	305	14	US-10-201-326-324	Sequence 324, App

381	1642	100.0	305	14	US-10-201-532-324	Sequence 324, App	454	1642	100.0	305	14	US-10-006-116A-273	Sequence 273, App
382	1642	100.0	305	14	US-10-201-533-324	Sequence 324, App	455	1642	100.0	305	14	US-10-006-117A-273	Sequence 273, App
383	1642	100.0	305	14	US-10-201-535-324	Sequence 324, App	456	1642	100.0	305	14	US-10-017-527A-273	Sequence 273, App
384	1642	100.0	305	14	US-10-201-769-324	Sequence 324, App	457	1642	100.0	305	14	US-10-183-003-324	Sequence 324, App
385	1642	100.0	305	14	US-10-201-771-324	Sequence 324, App	458	1642	100.0	305	14	US-10-183-016-324	Sequence 324, App
386	1642	100.0	305	14	US-10-201-854-324	Sequence 324, App	459	1642	100.0	305	14	US-10-173-696-324	Sequence 324, App
387	1642	100.0	305	14	US-10-202-410-324	Sequence 324, App	460	1642	100.0	305	14	US-10-013-913A-273	Sequence 273, App
388	1642	100.0	305	14	US-10-202-473-324	Sequence 324, App	461	1642	100.0	305	14	US-10-063-595-108	Sequence 108, App
389	1642	100.0	305	14	US-10-202-474-324	Sequence 324, App	462	1642	100.0	305	14	US-10-125-923A-324	Sequence 324, App
390	1642	100.0	305	14	US-10-205-503-324	Sequence 324, App	463	1642	100.0	305	14	US-10-176-491-324	Sequence 324, App
391	1642	100.0	305	14	US-10-205-512-324	Sequence 324, App	464	1642	100.0	305	14	US-10-176-979-324	Sequence 324, App
392	1642	100.0	305	14	US-10-205-892-324	Sequence 324, App	465	1642	100.0	305	14	US-10-187-592-324	Sequence 324, App
393	1642	100.0	305	14	US-10-205-894-324	Sequence 324, App	466	1642	100.0	305	14	US-10-007-194A-273	Sequence 273, App
394	1642	100.0	305	14	US-10-205-896-324	Sequence 324, App	467	1642	100.0	305	14	US-10-197-691-324	Sequence 324, App
395	1642	100.0	305	14	US-10-205-898-324	Sequence 324, App	468	1642	100.0	305	14	US-10-198-771-324	Sequence 324, App
396	1642	100.0	305	14	US-10-205-901-324	Sequence 324, App	469	1642	100.0	305	14	US-10-013-430A-273	Sequence 273, App
397	1642	100.0	305	14	US-10-205-903-324	Sequence 324, App	470	1642	100.0	305	14	US-10-174-575A-324	Sequence 324, App
398	1642	100.0	305	14	US-10-206-909-324	Sequence 324, App	471	1642	100.0	305	14	US-10-179-520-324	Sequence 324, App
399	1642	100.0	305	14	US-10-206-910-324	Sequence 324, App	472	1642	100.0	305	14	US-10-201-325-324	Sequence 324, App
400	1642	100.0	305	14	US-10-206-911-324	Sequence 324, App	473	1642	100.0	305	14	US-10-202-941-324	Sequence 324, App
401	1642	100.0	305	14	US-10-206-912-324	Sequence 324, App	474	1642	100.0	305	14	US-10-205-910-324	Sequence 324, App
402	1642	100.0	305	14	US-10-206-913-324	Sequence 324, App	475	1642	100.0	305	14	US-10-011-671A-273	Sequence 273, App
403	1642	100.0	305	14	US-10-206-914-324	Sequence 324, App	476	1642	100.0	305	14	US-10-012-755A-273	Sequence 273, App
404	1642	100.0	305	14	US-10-206-920-324	Sequence 324, App	477	1642	100.0	305	14	US-10-015-386A-273	Sequence 273, App
405	1642	100.0	305	14	US-10-206-921-324	Sequence 324, App	478	1642	100.0	305	14	US-10-179-526-324	Sequence 324, App
406	1642	100.0	305	14	US-10-206-923-324	Sequence 324, App	479	1642	100.0	305	14	US-10-173-701-324	Sequence 324, App
407	1642	100.0	305	14	US-10-206-925-324	Sequence 324, App	480	1642	100.0	305	14	US-10-179-511-324	Sequence 324, App
408	1642	100.0	305	14	US-10-206-926-324	Sequence 324, App	481	1642	100.0	305	14	US-10-179-518-324	Sequence 324, App
409	1642	100.0	305	14	US-10-206-927-324	Sequence 324, App	482	1642	100.0	305	14	US-10-183-018-324	Sequence 324, App
410	1642	100.0	305	14	US-10-207-916-324	Sequence 324, App	483	1642	100.0	305	14	US-10-184-624-324	Sequence 324, App
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412	1642	100.0	305	14	US-10-207-918-324	Sequence 324, App	485	1642	100.0	305	14	US-10-197-701-324	Sequence 324, App
413	1642	100.0	305	14	US-10-207-919-324	Sequence 324, App	486	1642	100.0	305	14	US-10-197-706-324	Sequence 324, App
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417	1642	100.0	305	14	US-10-208-022-324	Sequence 324, App	490	1642	100.0	305	14	US-10-202-940-324	Sequence 324, App
418	1642	100.0	305	14	US-10-208-023-324	Sequence 324, App	491	1642	100.0	305	14	US-10-205-508-324	Sequence 324, App
419	1642	100.0	305	14	US-10-208-026-324	Sequence 324, App	492	1642	100.0	305	14	US-10-205-905-324	Sequence 324, App
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421	1642	100.0	305	14	US-10-208-030-324	Sequence 324, App	494	1642	100.0	305	14	US-10-208-025-324	Sequence 324, App
422	1642	100.0	305	14	US-10-015-393A-273	Sequence 273, App	495	1642	100.0	305	14	US-10-063-580-108	Sequence 108, App
423	1642	100.0	305	14	US-10-063-567-108	Sequence 108, App	496	1642	100.0	305	14	US-10-011-692A-273	Sequence 273, App
424	1642	100.0	305	14	US-10-232-232-324	Sequence 324, App	497	1642	100.0	305	14	US-10-063-557-108	Sequence 108, App
425	1642	100.0	305	14	US-10-135-698-324	Sequence 324, App	498	1642	100.0	305	14	US-10-006-758A-273	Sequence 273, App
426	1642	100.0	305	14	US-10-196-755-324	Sequence 324, App	499	1642	100.0	305	14	US-10-017-610A-273	Sequence 273, App
427	1642	100.0	305	14	US-10-173-693-324	Sequence 324, App	500	1642	100.0	305	14	US-10-198-760-324	Sequence 324, App
428	1642	100.0	305	14	US-10-174-578-324	Sequence 324, App	501	1642	100.0	305	14	US-10-201-772-324	Sequence 324, App
429	1642	100.0	305	14	US-10-175-741-324	Sequence 324, App	502	1642	100.0	305	14	US-10-006-063A-273	Sequence 273, App
430	1642	100.0	305	14	US-10-175-750-324	Sequence 324, App	503	1642	100.0	305	14	US-10-063-585-108	Sequence 108, App
431	1642	100.0	305	14	US-10-176-986-324	Sequence 324, App	504	1642	100.0	305	14	US-10-020-063A-273	Sequence 273, App
432	1642	100.0	305	14	US-10-184-641-324	Sequence 324, App	505	1642	100.0	305	14	US-10-063-613-324	Sequence 324, App
433	1642	100.0	305	14	US-10-187-888-324	Sequence 324, App	506	1642	100.0	305	14	US-10-187-739-324	Sequence 324, App
434	1642	100.0	305	14	US-10-194-360-324	Sequence 324, App	507	1642	100.0	305	14	US-10-206-907-324	Sequence 324, App
435	1642	100.0	305	14	US-10-194-365-324	Sequence 324, App	508	1642	100.0	305	14	US-10-015-391A-273	Sequence 273, App
436	1642	100.0	305	14	US-10-195-895-324	Sequence 324, App	509	1642	100.0	305	14	US-10-183-009-324	Sequence 324, App
437	1642	100.0	305	14	US-10-195-895-324	Sequence 324, App	510	1642	100.0	305	14	US-10-187-755-324	Sequence 324, App
438	1642	100.0	305	14	US-10-199-302-324	Sequence 324, App	511	1642	100.0	305	14	US-10-017-407A-273	Sequence 273, App
439	1642	100.0	305	14	US-10-201-323-324	Sequence 324, App	512	1642	100.0	305	14	US-10-011-833A-273	Sequence 273, App
440	1642	100.0	305	14	US-10-205-510-324	Sequence 324, App	513	1642	100.0	305	14	US-10-063-588-108	Sequence 108, App
441	1642	100.0	305	14	US-10-205-891-324	Sequence 324, App	514	1642	100.0	305	14	US-10-006-041A-273	Sequence 273, App
442	1642	100.0	305	14	US-10-206-917-324	Sequence 324, App	515	1642	100.0	305	14	US-10-015-822A-273	Sequence 273, App
443	1642	100.0	305	14	US-10-207-923-324	Sequence 324, App	516	1642	100.0	305	14	US-10-015-387A-273	Sequence 273, App
444	1642	100.0	305	14	US-10-207-924-324	Sequence 324, App	517	1642	100.0	305	14	US-10-063-735-108	Sequence 108, App
445	1642	100.0	305	14	US-10-208-028-324	Sequence 324, App	518	1642	100.0	305	14	US-10-006-130A-273	Sequence 273, App
446	1642	100.0	305	14	US-10-063-538-108	Sequence 108, App	519	1642	100.0	305	14	US-10-195-672-324	Sequence 324, App
447	1642	100.0	305	14	US-10-012-121A-273	Sequence 273, App	520	1642	100.0	305	14	US-10-006-172A-273	Sequence 273, App
448	1642	100.0	305	14	US-10-205-904-324	Sequence 324, App	521	1642	100.0	305	14	US-10-187-749-324	Sequence 324, App
449	1642	100.0	305	14	US-10-175-753-324	Sequence 324, App	522	1642	100.0	305	14	US-10-194-457-324	Sequence 324, App
450	1642	100.0	305	14	US-10-180-553-324	Sequence 324, App	523	1642	100.0	305	14	US-10-184-642-324	Sequence 324, App
451	1642	100.0	305	14	US-10-201-327-324	Sequence 324, App	524	1642	100.0	305	14	US-10-196-747-324	Sequence 324, App
452	1642	100.0	305	14	US-10-121-052-324	Sequence 324, App	525	1642	100.0	305	14	US-10-017-253A-273	Sequence 273, App
453	1642	100.0	305	14	US-10-063-599-108	Sequence 108, App	526	1642	100.0	305	14	US-10-173-689-324	Sequence 324, App

673	1642	100.0	305	14	US-10-063-682-108	Sequence 108, App	746	279	17.0	239	10	US-09-976-782-119	Sequence 119, App	
674	1642	100.0	305	14	US-10-063-721-108	Sequence 108, App	747	272	16.6	233	14	US-10-153-668-314	Sequence 314, App	
675	1642	100.0	305	14	US-10-063-723-108	Sequence 108, App	748	268	16.3	236	14	US-10-453-478-19	Sequence 19, Appl	
676	1642	100.0	305	14	US-10-063-514-108	Sequence 108, App	749	263	16.0	234	9	US-09-934-268-4	Sequence 4, Appl	
677	1642	100.0	305	14	US-10-063-516-108	Sequence 108, App	750	263	16.0	234	14	US-10-162-435-38	Sequence 38, Appl	
678	1642	100.0	305	14	US-10-063-529-108	Sequence 108, App	751	259	15.8	238	14	US-10-156-136-36	Sequence 36, Appl	
679	1642	100.0	305	14	US-10-013-909A-273	Sequence 273, App	752	256.5	15.6	184	11	US-09-930-512-55	Sequence 55, Appl	
680	1642	100.0	305	14	US-10-015-671A-273	Sequence 273, App	753	256	15.6	239	14	US-10-103-196-18	Sequence 18, Appl	
681	1642	100.0	305	14	US-10-015-610A-273	Sequence 273, App	754	255.5	15.5	238	15	US-10-331-496A-40	Sequence 40, Appl	
682	1642	100.0	305	14	US-10-063-684-108	Sequence 108, App	755	255	15.5	238	14	US-10-156-136-24	Sequence 24, Appl	
683	1642	100.0	305	14	US-10-063-688-108	Sequence 108, App	756	240.5	14.6	232	14	US-10-156-136-26	Sequence 26, Appl	
684	1642	100.0	305	14	US-10-012-137A-273	Sequence 273, App	757	238.5	14.5	267	12	US-10-287-971-6	Sequence 6, Appl	
685	1642	100.0	305	14	US-10-012-752A-273	Sequence 273, App	758	237.5	14.5	267	9	US-09-795-380-20	Sequence 20, Appl	
686	1642	100.0	305	14	US-10-012-754A-273	Sequence 273, App	759	236.5	14.4	222	14	US-10-103-196-24	Sequence 24, Appl	
687	1642	100.0	305	14	US-10-013-911A-273	Sequence 273, App	760	232.5	14.2	265	10	US-09-970-424-1	Sequence 1, Appl	
688	1642	100.0	305	14	US-10-013-912A-273	Sequence 273, App	761	220.5	13.4	166	10	US-09-976-782-39	Sequence 39, Appl	
689	1642	100.0	305	14	US-10-015-653A-273	Sequence 273, App	762	215.5	13.1	228	14	US-10-156-136-39	Sequence 39, Appl	
690	1642	100.0	305	14	US-10-063-520-108	Sequence 108, App	763	215.5	13.1	228	15	US-10-331-496A-41	Sequence 41, Appl	
691	1642	100.0	305	14	US-10-063-647-108	Sequence 108, App	764	215.5	13.1	228	16	US-10-619-323-1	Sequence 1, Appl	
692	1642	100.0	305	14	US-10-063-647-108	Sequence 108, App	765	215.5	13.1	275	9	US-09-925-301-1381	Sequence 1381, Ap	
693	1642	100.0	305	14	US-10-063-548-108	Sequence 108, App	766	215.5	13.1	275	14	US-10-106-698-5930	Sequence 5930, Ap	
694	1642	100.0	305	14	US-10-063-578-108	Sequence 108, App	767	214.5	13.1	227	8	US-08-592-711-6	Sequence 6, Appl	
695	1642	100.0	305	14	US-10-063-648-108	Sequence 108, App	768	214.5	13.1	227	10	US-09-350-202-6	Sequence 6, Appl	
696	1642	100.0	305	14	US-10-012-101B-273	Sequence 273, App	769	214.5	13.1	227	12	US-09-183-055-6	Sequence 6, Appl	
697	1642	100.0	305	14	US-10-063-677-108	Sequence 108, App	770	214.5	13.1	227	15	US-10-390-330-6	Sequence 6, Appl	
698	1642	100.0	305	14	US-10-015-480A-273	Sequence 273, App	771	213.5	13.0	175	10	US-09-976-782-120	Sequence 120, App	
699	1642	100.0	305	14	US-10-015-715A-273	Sequence 273, App	772	211.5	12.9	226	14	US-10-205-194-162	Sequence 162, App	
700	1642	100.0	305	14	US-10-063-718-108	Sequence 108, App	773	210.5	12.8	221	14	US-10-205-219-185	Sequence 185, App	
701	1642	100.0	305	14	US-10-063-741-108	Sequence 108, App	774	210	12.8	36	14	US-10-103-196-44	Sequence 44, Appl	
702	1642	100.0	305	14	US-10-063-617-108	Sequence 108, App	775	208	12.7	239	14	US-10-103-196-23	Sequence 23, Appl	
703	1642	100.0	305	14	US-10-012-237A-273	Sequence 273, App	776	206.5	12.6	157	9	US-09-823-187-76	Sequence 76, Appl	
704	1642	100.0	305	14	US-10-013-906A-273	Sequence 273, App	777	204	12.4	237	9	US-09-922-217-1062	Sequence 1062, Ap	
705	1642	100.0	305	14	US-10-063-664-108	Sequence 108, App	778	204	12.4	237	9	US-09-833-263-1062	Sequence 1062, Ap	
706	1642	100.0	305	14	US-10-063-561-108	Sequence 108, App	779	204	12.4	237	13	US-10-025-380-1062	Sequence 1062, Ap	
707	1642	100.0	305	14	US-10-063-618-108	Sequence 108, App	780	204	12.4	237	15	US-10-295-027-1302	Sequence 1302, Ap	
708	1642	100.0	305	14	US-10-063-657-108	Sequence 108, App	781	204	12.4	241	9	US-09-925-301-1035	Sequence 1035, Ap	
709	1642	100.0	305	14	US-10-063-668-108	Sequence 108, App	782	204	12.4	241	14	US-10-106-698-6105	Sequence 5105, Ap	
710	1642	100.0	305	14	US-10-015-388A-273	Sequence 273, App	783	204	12.4	243	9	US-09-922-217-1122	Sequence 1122, Ap	
711	1642	100.0	305	14	US-10-012-753A-273	Sequence 273, App	784	204	12.4	243	13	US-10-025-380-1122	Sequence 1122, Ap	
712	1642	100.0	305	14	US-10-015-385A-273	Sequence 273, App	785	204	12.4	446	9	US-09-922-217-1121	Sequence 1121, Ap	
713	1642	100.0	305	14	US-10-007-236A-273	Sequence 273, App	786	204	12.4	446	13	US-10-025-380-1121	Sequence 1121, Ap	
714	1642	100.0	305	14	US-10-015-389A-273	Sequence 273, App	787	199	12.1	236	12	US-09-999-121-5	Sequence 5, Appl	
715	1642	100.0	305	15	US-10-015-519A-273	Sequence 273, App	788	199	12.1	236	12	US-10-205-331-74	Sequence 74, Appl	
716	1642	100.0	305	15	US-10-013-915A-273	Sequence 273, App	789	199	12.1	236	14	US-10-169-297-7	Sequence 7, Appl	
717	1642	100.0	305	15	US-10-015-394A-273	Sequence 273, App	790	197.5	12.0	247	12	US-10-087-192-1689	Sequence 1689, Ap	
718	1642	100.0	305	15	US-10-063-650-108	Sequence 108, App	791	195	11.9	209	14	US-10-106-698-6825	Sequence 6825, Ap	
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720	1642	100.0	305	15	US-10-195-893-324	Sequence 324, App	793	192.5	11.7	281	14	US-10-207-655-137	Sequence 137, App	
721	1642	100.0	305	15	US-10-179-509-324	Sequence 324, App	794	192.5	11.7	281	15	US-10-411-010-21	Sequence 21, Appl	
722	1642	100.0	305	15	US-10-194-486-324	Sequence 324, App	795	192.5	11.7	281	14	US-10-440-464-84	Sequence 84, Appl	
723	1642	100.0	305	15	US-10-195-900-324	Sequence 324, App	796	191	11.6	244	14	US-10-156-136-37	Sequence 37, Appl	
724	1642	100.0	305	15	US-10-198-759-324	Sequence 324, App	797	190.5	11.6	216	12	US-10-087-192-1692	Sequence 1692, Ap	
725	1642	100.0	305	15	US-10-205-506-324	Sequence 324, App	798	190.5	11.6	221	9	US-09-823-356-17	Sequence 17, Appl	
726	1642	100.0	305	15	US-10-199-523-324	Sequence 324, App	799	190.5	11.6	221	14	US-10-156-136-25	Sequence 25, Appl	
727	1642	100.0	305	15	US-10-199-463-324	Sequence 324, App	800	190.5	11.6	221	15	US-10-138-588-36	Sequence 36, Appl	
728	1642	100.0	305	15	US-10-202-471-324	Sequence 324, App	801	190.5	11.6	229	14	US-10-106-698-4519	Sequence 4519, Ap	
729	1642	100.0	305	15	US-10-207-915-324	Sequence 324, App	802	189	11.5	244	14	US-10-205-194-105	Sequence 105, App	
730	1642	100.0	305	15	US-10-015-390A-273	Sequence 273, App	803	187.5	11.4	221	15	US-10-138-588-34	Sequence 34, Appl	
731	1642	100.0	305	15	US-10-006-746A-273	Sequence 273, App	804	187	11.4	245	9	US-09-823-356-15	Sequence 15, Appl	
732	1642	100.0	305	15	US-10-011-795A-273	Sequence 273, App	805	187	11.4	245	9	US-09-729-674-90	Sequence 90, Appl	
733	1642	100.0	305	15	US-10-012-231A-273	Sequence 273, App	806	187	11.4	245	14	US-10-156-136-22	Sequence 22, Appl	
734	1642	100.0	305	16	US-10-197-709-324	Sequence 324, App	807	187	11.4	245	14	US-10-024-298A-89	Sequence 89, Appl	
735	971	59.1	178	15	US-10-206-916-324	Sequence 324, App	808	187	11.4	245	14	US-10-042-211A-89	Sequence 89, Appl	
736	929	56.6	171	14	US-10-264-049-2307	Sequence 2307, App	809	187	11.4	245	16	US-10-617-217A-89	Sequence 89, Appl	
737	737	719	43.8	135	14	US-10-106-698-4661	Sequence 4661, Ap	810	187	11.4	284	14	US-10-106-698-6305	Sequence 6305, Ap
738	459	30.4	97	9	US-10-103-196-20	Sequence 20, Appl	811	185.5	11.3	283	12	US-10-106-698-6305	Sequence 78, Appl	
739	303	18.5	222	12	US-09-864-761-39081	Sequence 39081, A	812	185.5	11.3	283	12	US-09-800-095A-78	Sequence 78, Appl	
740	286	17.4	239	9	US-10-037-417-81	Sequence 81, Appl	813	184.5	11.2	219	14	US-09-976-782-117	Sequence 117, App	
741	285	17.4	239	9	US-10-037-417-81	Sequence 81, Appl	814	184.5	11.2	219	14	US-10-156-136-34	Sequence 34, Appl	
742	280	17.1	253	14	US-09-823-356-14	Sequence 14, Appl	815	184	11.2	253	9	US-09-155-008-3	Sequence 3, Appl	
743	280	17.1	253	14	US-10-029-368-28517	Sequence 28517, A	816	184	11.2	253	10	US-09-983-000A-18	Sequence 18, Appl	
744	280	17.1	253	14	US-10-153-668-475	Sequence 476, App								

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820	184	11.2	253	14	US-10-223-088-66	Sequence 66, Appl	893	183	11.1	245	14	US-10-017-610A-4	Sequence 4, Appl
821	184	11.2	253	14	US-10-223-090-66	Sequence 66, Appl	894	183	11.1	245	14	US-10-243-167-4	Sequence 4, Appl
822	184	11.2	253	14	US-10-223-087-66	Sequence 66, Appl	895	183	11.1	245	14	US-10-243-388-4	Sequence 4, Appl
823	184	11.2	253	14	US-10-223-083-66	Sequence 66, Appl	896	183	11.1	245	14	US-10-244-947-4	Sequence 4, Appl
824	184	11.2	253	14	US-10-223-089-66	Sequence 66, Appl	897	183	11.1	245	14	US-10-244-968-4	Sequence 4, Appl
825	184	11.2	253	14	US-10-156-136-23	Sequence 23, Appl	898	183	11.1	245	14	US-10-244-990-4	Sequence 4, Appl
826	184	11.2	253	14	US-10-223-081-66	Sequence 66, Appl	899	183	11.1	245	14	US-10-245-079-4	Sequence 4, Appl
827	184	11.2	253	14	US-10-223-082-66	Sequence 66, Appl	900	183	11.1	245	14	US-10-245-127-4	Sequence 4, Appl
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829	183	11.1	245	12	US-10-006-485A-4	Sequence 4, Appl	902	183	11.1	245	14	US-10-245-646-4	Sequence 4, Appl
830	183	11.1	245	12	US-10-013-907A-4	Sequence 4, Appl	903	183	11.1	245	14	US-10-245-695-4	Sequence 4, Appl
831	183	11.1	245	12	US-10-013-498A-4	Sequence 4, Appl	904	183	11.1	245	14	US-10-245-699-4	Sequence 4, Appl
832	183	11.1	245	12	US-10-245-752-4	Sequence 4, Appl	905	183	11.1	245	14	US-10-245-737-4	Sequence 4, Appl
833	183	11.1	245	12	US-10-245-859-4	Sequence 4, Appl	906	183	11.1	245	14	US-10-245-878-4	Sequence 4, Appl
834	183	11.1	245	12	US-10-013-910A-4	Sequence 4, Appl	907	183	11.1	245	14	US-10-245-890-4	Sequence 4, Appl
835	183	11.1	245	12	US-10-226-254A-4	Sequence 4, Appl	908	183	11.1	245	14	US-10-245-899-4	Sequence 4, Appl
836	183	11.1	245	12	US-10-015-395A-4	Sequence 4, Appl	909	183	11.1	245	14	US-10-245-900-4	Sequence 4, Appl
837	183	11.1	245	14	US-10-008-856A-4	Sequence 4, Appl	910	183	11.1	245	14	US-10-247-058-4	Sequence 4, Appl
838	183	11.1	245	14	US-10-008-816A-4	Sequence 4, Appl	911	183	11.1	245	14	US-10-006-063A-4	Sequence 4, Appl
839	183	11.1	245	14	US-10-243-103-4	Sequence 4, Appl	912	183	11.1	245	14	US-10-245-454-4	Sequence 4, Appl
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842	183	11.1	245	14	US-10-245-771-4	Sequence 4, Appl	915	183	11.1	245	14	US-10-238-261-4	Sequence 4, Appl
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849	183	11.1	245	14	US-10-238-283-4	Sequence 4, Appl	922	183	11.1	245	14	US-10-243-103-4	Sequence 4, Appl
850	183	11.1	245	14	US-10-238-370-4	Sequence 4, Appl	923	183	11.1	245	14	US-10-243-276-4	Sequence 4, Appl
851	183	11.1	245	14	US-10-245-055-4	Sequence 4, Appl	924	183	11.1	245	14	US-10-243-326-4	Sequence 4, Appl
852	183	11.1	245	14	US-10-245-147-4	Sequence 4, Appl	925	183	11.1	245	14	US-10-243-364-4	Sequence 4, Appl
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854	183	11.1	245	14	US-10-245-739-4	Sequence 4, Appl	927	183	11.1	245	14	US-10-244-995-4	Sequence 4, Appl
855	183	11.1	245	14	US-10-246-210-4	Sequence 4, Appl	928	183	11.1	245	14	US-10-245-230-4	Sequence 4, Appl
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858	183	11.1	245	14	US-10-243-024-4	Sequence 4, Appl	931	183	11.1	245	14	US-10-245-499-4	Sequence 4, Appl
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861	183	11.1	245	14	US-10-245-880-4	Sequence 4, Appl	934	183	11.1	245	14	US-10-245-852-4	Sequence 4, Appl
862	183	11.1	245	14	US-10-245-033-4	Sequence 4, Appl	935	183	11.1	245	14	US-10-245-854-4	Sequence 4, Appl
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866	183	11.1	245	14	US-10-243-093-4	Sequence 4, Appl	939	183	11.1	245	14	US-10-245-913-4	Sequence 4, Appl
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869	183	11.1	245	14	US-10-245-473-4	Sequence 4, Appl	942	183	11.1	245	14	US-10-246-305-4	Sequence 4, Appl
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; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C513
; CURRENT APPLICATION NUMBER: US/10/206,915
; CURRENT FILING DATE: 2002-07-26
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US-10-206-915-324

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Db 61 PVVHPWIAVCCFLIIIVGMLGYCGTVKRNLLLLAWYFGSLLVIFCVELACGVTYEOELM 120
QY 121 VPVQWSDMTLKARMTNYGLPRYRWLTHAWNFFOREFKCCGVVYFTDMLWEMTMDWPPDS 180
Db 121 VPVQWSDMTLKARMTNYGLPRYRWLTHAWNFFOREFKCCGVVYFTDMLWEMTMDWPPDS 180
QY 181 CCVREFPGCSQAQHQEDLSLYQEGCGKMYSFRLGTQQLVRLFLGISIGVTQILAMIL 240
Db 181 CCVREFPGCSQAQHQEDLSLYQEGCGKMYSFRLGTQQLVRLFLGISIGVTQILAMIL 240
QY 241 TITLLWALYDRREPCTDQMSLKNDSOHLSCPSVELLKPSLSRIEHTSMANSFNTHF 300
Db 241 TITLLWALYDRREPCTDQMSLKNDSOHLSCPSVELLKPSLSRIEHTSMANSFNTHF 300
QY 301 EMEEL 305
Db 301 EMEEL 305

RESULT 3
US-10-199-670-324
; Sequence 324, Application US/10199670
; Publication No. US20040033560A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C401
; CURRENT APPLICATION NUMBER: US/10/199,670
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 10/052586
; PRIOR FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18

/ PRIOR APPLICATION NUMBER: 60/059266
 / PRIOR FILING DATE: 1997-09-18
 / PRIOR APPLICATION NUMBER: 60/062250
 / PRIOR FILING DATE: 1997-10-17
 / PRIOR APPLICATION NUMBER: 60/063120
 / PRIOR FILING DATE: 1997-10-24
 / PRIOR APPLICATION NUMBER: 60/063121
 / PRIOR FILING DATE: 1997-10-24
 / PRIOR APPLICATION NUMBER: 60/063486
 / PRIOR FILING DATE: 1997-10-21
 / PRIOR APPLICATION NUMBER: 60/063540
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION NUMBER: 60/063541
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION NUMBER: 60/063544
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 612
 / SEQ ID NO 324
 / LENGTH: 305
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 / US-10-199-670-324

Query Match 100.0%; Score 1642; DB 12; Length 305;
 Best Local Similarity 100.0%; Pred. No. 8.6e-163;
 Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYNNVLTLTATRVVEEAVILTYF	60
Db	1	MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYNNVLTLTATRVVEEAVILTYF	60
Qy	61	PVHPVNIACVCFLLIIVGMLGYCGTVKRNLLLLAWYFSGLLVIFCVELACGWTVEQELM	120
Db	61	PVHPVNIACVCFLLIIVGMLGYCGTVKRNLLLLAWYFSGLLVIFCVELACGWTVEQELM	120
Qy	121	VPQWSDMTLTKARMTNYGLPRYRLTHAWNFQREFKCCGVVYFTDLEMTDWPDPDS	180
Db	121	VPQWSDMTLTKARMTNYGLPRYRLTHAWNFQREFKCCGVVYFTDLEMTDWPDPDS	180
Qy	181	CCVREFPGSKQAQHDLSLDLYOEGCGKMYSLRGTKQLQVLRFLGISIGVTOILAMIL	240
Db	181	CCVREFPGSKQAQHDLSLDLYOEGCGKMYSLRGTKQLQVLRFLGISIGVTOILAMIL	240
Qy	241	TITLLWALYYDRREPCTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSVANSFNTHF	300
Db	241	TITLLWALYYDRREPCTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSVANSFNTHF	300
Qy	301	EMEEL 305	
Db	301	EMEEL 305	

RESULT 4
 US-10-201-858-324
 / Sequence 324, Application US/10201858
 / Publication No. US20040038337A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Chen, Jian
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Pan, James
 / APPLICANT: Smith, Victoria
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Zhang, Zemin
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / TITLE OF INVENTION: ACIDS ENCODING THE SAME
 / FILE REFERENCE: P3430R1C464
 / CURRENT APPLICATION NUMBER: US/10/201,858

/ CURRENT FILING DATE: 2002-07-23
 / PRIOR APPLICATION NUMBER: 10/052586
 / PRIOR FILING DATE: 2002-01-15
 / PRIOR APPLICATION NUMBER: 60/059263
 / PRIOR FILING DATE: 1997-09-18
 / PRIOR APPLICATION NUMBER: 60/059266
 / PRIOR FILING DATE: 1997-09-18
 / PRIOR APPLICATION NUMBER: 60/062250
 / PRIOR FILING DATE: 1997-10-17
 / PRIOR APPLICATION NUMBER: 60/063120
 / PRIOR FILING DATE: 1997-10-24
 / PRIOR APPLICATION NUMBER: 60/063121
 / PRIOR FILING DATE: 1997-10-24
 / PRIOR APPLICATION NUMBER: 60/063486
 / PRIOR FILING DATE: 1997-10-21
 / PRIOR APPLICATION NUMBER: 60/063540
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION NUMBER: 60/063541
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION NUMBER: 60/063544
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 612
 / SEQ ID NO 324
 / LENGTH: 305
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 / US-10-201-858-324

Query Match 100.0%; Score 1642; DB 12; Length 305;
 Best Local Similarity 100.0%; Pred. No. 8.6e-163;
 Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYNNVLTLTATRVVEEAVILTYF	60
Db	1	MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYNNVLTLTATRVVEEAVILTYF	60
Qy	61	PVHPVNIACVCFLLIIVGMLGYCGTVKRNLLLLAWYFSGLLVIFCVELACGWTVEQELM	120
Db	61	PVHPVNIACVCFLLIIVGMLGYCGTVKRNLLLLAWYFSGLLVIFCVELACGWTVEQELM	120
Qy	121	VPQWSDMTLTKARMTNYGLPRYRLTHAWNFQREFKCCGVVYFTDLEMTDWPDPDS	180
Db	121	VPQWSDMTLTKARMTNYGLPRYRLTHAWNFQREFKCCGVVYFTDLEMTDWPDPDS	180
Qy	181	CCVREFPGSKQAQHDLSLDLYOEGCGKMYSLRGTKQLQVLRFLGISIGVTOILAMIL	240
Db	181	CCVREFPGSKQAQHDLSLDLYOEGCGKMYSLRGTKQLQVLRFLGISIGVTOILAMIL	240
Qy	241	TITLLWALYYDRREPCTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSVANSFNTHF	300
Db	241	TITLLWALYYDRREPCTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSVANSFNTHF	300
Qy	301	EMEEL 305	
Db	301	EMEEL 305	

RESULT 5
 US-10-205-890-324
 / Sequence 324, Application US/10205890
 / Publication No. US20040048334A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Chen, Jian
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Pan, James
 / APPLICANT: Smith, Victoria
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Wood, William I.

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C519
CURRENT APPLICATION NUMBER: US/10/205,890
CURRENT FILING DATE: 2002-07-26
PRIOR APPLICATION NUMBER: 10/052586
PRIOR FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063544
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 324
LENGTH: 305
TYPE: PRT
ORGANISM: Homo Sapien
US-10-205-890-324

Query Match 100.0%; Score 1642; DB 12; Length 305;
Best Local Similarity 100.0%; Pred. No. 8.6e-163; Indels 0; Gaps 0;
Matches 305; Conservative 0; Mismatches 0;

QY 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNVLTLTAETRVVEAVILTYF 60
Db 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNVLTLTAETRVVEAVILTYF 60
QY 61 PVVHPWIAVCCFLIIYVGMGLYCGTVKRNLLLLAWYFGLSLVIFCVELACGVTYEQELM 120
Db 61 PVVHPWIAVCCFLIIYVGMGLYCGTVKRNLLLLAWYFGLSLVIFCVELACGVTYEQELM 120
QY 121 VPVQWSDMVTLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMDWPPDS 180
Db 121 VPVQWSDMVTLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMDWPPDS 180
QY 181 CCVREFPGCSKQAHQEDSLDYQEGCGCKMYFSLRGTQQLQVLRFLGISIGVTQILAMIL 240
Db 181 CCVREFPGCSKQAHQEDSLDYQEGCGCKMYFSLRGTQQLQVLRFLGISIGVTQILAMIL 240
QY 241 TITLLWALYDRREPFGTDQMSLKNDSQHLSCPSVELLKPISRIFHTSMANSFNTHF 300
Db 241 TITLLWALYDRREPFGTDQMSLKNDSQHLSCPSVELLKPISRIFHTSMANSFNTHF 300
QY 301 EMEEL 305
Db 301 EMEEL 305

RESULT 6
US-10-208-024-324
Sequence 324, Application US/10208024
Publication No. US20040048335A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C538
CURRENT APPLICATION NUMBER: US/10/208,024
CURRENT FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: 10/052586
PRIOR FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063544
PRIOR FILING DATE: 1997-10-28
PRIOR Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 324
LENGTH: 305
TYPE: PRT
ORGANISM: Homo Sapien
US-10-208-024-324

Query Match 100.0%; Score 1642; DB 12; Length 305;
Best Local Similarity 100.0%; Pred. No. 8.6e-163; Indels 0; Gaps 0;
Matches 305; Conservative 0; Mismatches 0;

QY 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNVLTLTAETRVVEAVILTYF 60
Db 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNVLTLTAETRVVEAVILTYF 60
QY 61 PVVHPWIAVCCFLIIYVGMGLYCGTVKRNLLLLAWYFGLSLVIFCVELACGVTYEQELM 120
Db 61 PVVHPWIAVCCFLIIYVGMGLYCGTVKRNLLLLAWYFGLSLVIFCVELACGVTYEQELM 120
QY 121 VPVQWSDMVTLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMDWPPDS 180
Db 121 VPVQWSDMVTLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMDWPPDS 180
QY 181 CCVREFPGCSKQAHQEDSLDYQEGCGCKMYFSLRGTQQLQVLRFLGISIGVTQILAMIL 240
Db 181 CCVREFPGCSKQAHQEDSLDYQEGCGCKMYFSLRGTQQLQVLRFLGISIGVTQILAMIL 240
QY 241 TITLLWALYDRREPFGTDQMSLKNDSQHLSCPSVELLKPISRIFHTSMANSFNTHF 300
Db 241 TITLLWALYDRREPFGTDQMSLKNDSQHLSCPSVELLKPISRIFHTSMANSFNTHF 300
QY 301 EMEEL 305
Db 301 EMEEL 305

RESULT 7
US-10-201-853-324
Sequence 324, Application US/10201853
Publication No. US20040053358A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.


```
; CURRENT APPLICATION NUMBER: US/10/063,512
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 108
; LENGTH: 305
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-512-108

Query Match      100.0%; Score 1642; DB 12; Length 305;
Best Local Similarity 100.0%; Pred. No. 8.6e-163;
Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
Db 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
QY 61 PVHPVMIACVCCFLIIVGMLGYCGTVKRNLLAWYFGLSLVIFCVLACGVWVTEQELM 120
Db 61 PVHPVMIACVCCFLIIVGMLGYCGTVKRNLLAWYFGLSLVIFCVLACGVWVTEQELM 120
QY 121 VPQWSDMVTLLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMTDMDPPDS 180
Db 121 VPQWSDMVTLLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMTDMDPPDS 180
QY 181 CCVREFPGCSKQAHQEDLSLYQEGCGKMYSFRLGTQKQLQVLRFLGISIGVTQILAMIL 240
Db 181 CCVREFPGCSKQAHQEDLSLYQEGCGKMYSFRLGTQKQLQVLRFLGISIGVTQILAMIL 240
QY 241 TITLLWALYYDRRPGTDQMSLKNDSOHLSCPSVELLKPSLSRIPEHTSMANSFNTHF 300
Db 241 TITLLWALYYDRRPGTDQMSLKNDSOHLSCPSVELLKPSLSRIPEHTSMANSFNTHF 300
QY 301 EMEEL 305
Db 301 EMEEL 305

RESULT 11
US-10-063-515-108
; Sequence 108, Application US/10063515
; Publication No. US20030018173A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,515
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 108
; LENGTH: 305
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-515-108

Query Match      100.0%; Score 1642; DB 12; Length 305;
Best Local Similarity 100.0%; Pred. No. 8.6e-163;
Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
Db 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
QY 61 PVHPVMIACVCCFLIIVGMLGYCGTVKRNLLAWYFGLSLVIFCVLACGVWVTEQELM 120
Db 61 PVHPVMIACVCCFLIIVGMLGYCGTVKRNLLAWYFGLSLVIFCVLACGVWVTEQELM 120
QY 121 VPQWSDMVTLLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMTDMDPPDS 180
Db 121 VPQWSDMVTLLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMTDMDPPDS 180
QY 181 CCVREFPGCSKQAHQEDLSLYQEGCGKMYSFRLGTQKQLQVLRFLGISIGVTQILAMIL 240
Db 181 CCVREFPGCSKQAHQEDLSLYQEGCGKMYSFRLGTQKQLQVLRFLGISIGVTQILAMIL 240
QY 241 TITLLWALYYDRRPGTDQMSLKNDSOHLSCPSVELLKPSLSRIPEHTSMANSFNTHF 300
Db 241 TITLLWALYYDRRPGTDQMSLKNDSOHLSCPSVELLKPSLSRIPEHTSMANSFNTHF 300
QY 301 EMEEL 305
Db 301 EMEEL 305

US-09-830-328c-2.rapb

; CURRENT APPLICATION NUMBER: US/10/063,512
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 108
; LENGTH: 305
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-512-108

Query Match      100.0%; Score 1642; DB 12; Length 305;
Best Local Similarity 100.0%; Pred. No. 8.6e-163;
Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
Db 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
QY 61 PVHPVMIACVCCFLIIVGMLGYCGTVKRNLLAWYFGLSLVIFCVLACGVWVTEQELM 120
Db 61 PVHPVMIACVCCFLIIVGMLGYCGTVKRNLLAWYFGLSLVIFCVLACGVWVTEQELM 120
QY 121 VPQWSDMVTLLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMTDMDPPDS 180
Db 121 VPQWSDMVTLLKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMTDMDPPDS 180
QY 181 CCVREFPGCSKQAHQEDLSLYQEGCGKMYSFRLGTQKQLQVLRFLGISIGVTQILAMIL 240
Db 181 CCVREFPGCSKQAHQEDLSLYQEGCGKMYSFRLGTQKQLQVLRFLGISIGVTQILAMIL 240
QY 241 TITLLWALYYDRRPGTDQMSLKNDSOHLSCPSVELLKPSLSRIPEHTSMANSFNTHF 300
Db 241 TITLLWALYYDRRPGTDQMSLKNDSOHLSCPSVELLKPSLSRIPEHTSMANSFNTHF 300
QY 301 EMEEL 305
Db 301 EMEEL 305

RESULT 10
US-10-063-513-108
; Sequence 108, Application US/10063513
; Publication No. US20030018172A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,513
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 108
; LENGTH: 305
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-513-108

Query Match      100.0%; Score 1642; DB 12; Length 305;
Best Local Similarity 100.0%; Pred. No. 8.6e-163;
Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
Db 1 MAREDSVKLCRLCYALNLLFWLMSISVLAVSAMRDYLNNTLTAEATRVVEAVILTYF 60
```

QY 301 EMEEL 305
 Db 301 EMEEL 305

RESULT 12

US-10-063-549-108
 ; Sequence 108, Application US/10063549
 ; Publication No. US20030027986A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,549
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 108
 ; LENGTH: 305
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-549-108

Query Match 100.0%; Score 1642; DB 12; Length 305;
 Best Local Similarity 100.0%; Pred. No. 8.6e-163;
 Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNNNVLTLTAEATRVVEAVILTYF 60
 Db 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNNNVLTLTAEATRVVEAVILTYF 60
 QY 61 PVVHPVMIACVCCFLIIVGMLGYCGTVKRNLLLLAWYFGLSLLVIFCVELACGVTYEQELM 120
 Db 61 PVVHPVMIACVCCFLIIVGMLGYCGTVKRNLLLLAWYFGLSLLVIFCVELACGVTYEQELM 120
 QY 121 VPVQWSDMTLTKARMTNYGLPRYRWLTHAWNFFQREPKCGGVVYFTDWMLEMDWPPDS 180
 Db 121 VPVQWSDMTLTKARMTNYGLPRYRWLTHAWNFFQREPKCGGVVYFTDWMLEMDWPPDS 180
 QY 181 CCVREPPGCSKQAHQEDLSLYQEGCGKMYSLRGTQQLQVLRFLGIGISGVTQILAMIL 240
 Db 181 CCVREPPGCSKQAHQEDLSLYQEGCGKMYSLRGTQQLQVLRFLGIGISGVTQILAMIL 240
 QY 241 TITLLWALYYDRREPGTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSMANSFNTHF 300
 Db 241 TITLLWALYYDRREPGTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSMANSFNTHF 300
 QY 301 EMEEL 305
 Db 301 EMEEL 305

RESULT 13

US-10-063-569-108
 ; Sequence 108, Application US/10063569
 ; Publication No. US20030018168A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.

; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,569
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 108
 ; LENGTH: 305
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-569-108

Query Match 100.0%; Score 1642; DB 12; Length 305;
 Best Local Similarity 100.0%; Pred. No. 8.6e-163;
 Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNNNVLTLTAEATRVVEAVILTYF 60
 Db 1 MAREDSVKLCRLCLLYALNLLFWLMSISVLAVSAWMDYLNNNVLTLTAEATRVVEAVILTYF 60
 QY 61 PVVHPVMIACVCCFLIIVGMLGYCGTVKRNLLLLAWYFGLSLLVIFCVELACGVTYEQELM 120
 Db 61 PVVHPVMIACVCCFLIIVGMLGYCGTVKRNLLLLAWYFGLSLLVIFCVELACGVTYEQELM 120
 QY 121 VPVQWSDMTLTKARMTNYGLPRYRWLTHAWNFFQREPKCGGVVYFTDWMLEMDWPPDS 180
 Db 121 VPVQWSDMTLTKARMTNYGLPRYRWLTHAWNFFQREPKCGGVVYFTDWMLEMDWPPDS 180
 QY 181 CCVREPPGCSKQAHQEDLSLYQEGCGKMYSLRGTQQLQVLRFLGIGISGVTQILAMIL 240
 Db 181 CCVREPPGCSKQAHQEDLSLYQEGCGKMYSLRGTQQLQVLRFLGIGISGVTQILAMIL 240
 QY 241 TITLLWALYYDRREPGTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSMANSFNTHF 300
 Db 241 TITLLWALYYDRREPGTDQMSLKNDSOHLSCPSVELLKPSLSRIFEHTSMANSFNTHF 300
 QY 301 EMEEL 305
 Db 301 EMEEL 305

RESULT 14

US-10-063-551-108
 ; Sequence 108, Application US/10063551
 ; Publication No. US20020183494A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,551
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 108
 ; LENGTH: 305
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-551-108

Query Match 100.0%; Score 1642; DB 12; Length 305;
 Best Local Similarity 100.0%; Pred. No. 8.6e-163;

Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1	MARESVKCLRLVALLNLLFWLMSISVLAVSAMRDYLNNVLTLTATREVEEAVILTYF	60
DB	1	MARESVKCLRLVALLNLLFWLMSISVLAVSAMRDYLNNVLTLTATREVEEAVILTYF	60
QY	61	PVHPVMIACVCFLLIIVGMLGCGTVKRNLLLLAWFGLSVIFCVELACGWTVEQELM	120
DB	61	PVHPVMIACVCFLLIIVGMLGCGTVKRNLLLLAWFGLSVIFCVELACGWTVEQELM	120
QY	121	VPVQSDMVTLKARMTNYGLPRYMLTHAWNFFQREFKCCGVVYFTDLEMTENDWPPDS	180
DB	121	VPVQSDMVTLKARMTNYGLPRYMLTHAWNFFQREFKCCGVVYFTDLEMTENDWPPDS	180
QY	181	CCVREPPGCSKAHQEDLSLYOEGCGKKWYFLRGTKQLVRLGLISIGVTLAML	240
DB	181	CCVREPPGCSKAHQEDLSLYOEGCGKKWYFLRGTKQLVRLGLISIGVTLAML	240
QY	241	TITLLWALYDRREPQTDQMSLKNDNSCHLSLCPVVELLKPSLSRIFBHTSVANSFNTHF	300
DB	241	TITLLWALYDRREPQTDQMSLKNDNSCHLSLCPVVELLKPSLSRIFBHTSVANSFNTHF	300
QY	301	EMEEL 305	
DB	301	EMEEL 305	

RESULT 15

US-10-174-581-324
; Sequence 324, Application US/10174581
; Publication No. US20030017540A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C41
; CURRENT APPLICATION NUMBER: US/10/174,581
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: 10/052586
; PRIOR FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059266
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063120
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063121
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063486
; PRIOR FILING DATE: 1997-10-21
; PRIOR APPLICATION NUMBER: 60/063540
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063541
; PRIOR FILING DATE: 1997-10-28
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; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063870

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; PRIOR APPLICATION NUMBER: 60/064103
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; PRIOR FILING DATE: 1997-12-17
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; PRIOR APPLICATION NUMBER: 60/080194
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; PRIOR APPLICATION NUMBER: 60/080333
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; PRIOR APPLICATION NUMBER: 60/083495
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; PRIOR FILING DATE: 1998-05-07
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; PRIOR APPLICATION NUMBER: 60/087827
; PRIOR FILING DATE: 1998-06-03
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; PRIOR FILING DATE: 1998-06-10
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; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
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; PRIOR FILING DATE: 1998-06-11
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; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089105

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; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653

Query Match 100.0%; Score 1642; DB 12; Length 305;
Best Local Similarity 100.0%; Pred. No. 8.6e-163;
Matches 305; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAREDSVKCLRLCLLYALNLLFWLMSISVLAVSAMWEDYLNVLTLTAETRVBEAVILTYF 60
Db 1 MAREDSVKCLRLCLLYALNLLFWLMSISVLAVSAMWEDYLNVLTLTAETRVBEAVILTYF 60

Qy 61 PVHPVMIACCFLIIVGMLGYCGTVKRNLLLIAMFYGSLLVIFCVLACGVWTVQEELM 120
Db 61 PVHPVMIACCFLIIVGMLGYCGTVKRNLLLIAMFYGSLLVIFCVLACGVWTVQEELM 120

Qy 121 VPVQWSDMTLTKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMDWPPDS 180
Db 121 VPVQWSDMTLTKARMTNYGLPRYRWLTHAWNFFQREFKCCGVVYFTDWMLEMDWPPDS 180

Qy 181 CCVRETFPGSKQAHQEDLSLYOEGCGKKWYSLRGTGKQLQVLRFLGISIGVTQILAMIL 240
Db 181 CCVRETFPGSKQAHQEDLSLYOEGCGKKWYSLRGTGKQLQVLRFLGISIGVTQILAMIL 240

Qy 241 TITLLWALYYDRREPCTDQMSLKNDSQHLSCPSVELLKPSLSRIFERTSMANSFNTHF 300
Db 241 TITLLWALYYDRREPCTDQMSLKNDSQHLSCPSVELLKPSLSRIFERTSMANSFNTHF 300

Qy 301 EMEEL 305
Db 301 EMEEL 305

Search completed: September 13, 2004, 21:15:46
Job time : 80 secs